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(54) Title: POLYPEPTIDES AND IMMUNOGENIC CONJUGATES CAPABLE OF INDUCING ANTIBODIES AGAINST PATHOGENS, AND USES THEREOF

(57) Abstract: A number of immunologically active agents are described, including an isolated protein or polypeptide that includes the amino acid sequence of SEQ ID NO: 1, immunogenic conjugates containing either the protein or polypeptide, a full-length *Pneumocystis* kexin, or a full length *Streptococcus pneumoniae* pneumococcal surface protein A (PspA), antibodies recognizing the protein or polypeptide or the immunogenic conjugates (particularly the epitope of SEQ ID NO: 1), and nucleic acid molecules that encode the protein or polypeptide, as well as DNA constructs, expression vectors, and host cells that contain the nucleic acid molecules. Disclosed uses of the antibodies, immunogenic conjugates, and DNA constructs include inducing passive or active immunity to treat or prevent pathogen infections, particularly by a*Pneumocystis* organism, in a patient.

